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TN	AA	3,621,458	Nov 16, 1971	Cabezas, et al.						
1	AB	4,074,208	Feb 14, 1978	Mack et al.			.,			
	AC	4,827,484	May 02, 1989	Cook, Jr.						
	AD	4,847,849	Jul 11, 1989	Steffen						
	AE	4,956,845	Sep 11, 1990	Otto et al.		/				
	AF	5,168,194	Dec 01, 1992	Littlechild et al.						
	AG	5,381,432	Jan 10, 1995	Kasahara		/				
	AH	5,617,440	Apr 01, 1997	Meier		/				
	AI	5,682,399	Oct 28, 1997	Nishida						
	AJ	5,841,218	Nov 24, 1998	Gregor et al.						
	AK	5,898,270	Apr 27, 1999	Oiye et al.						
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION YES NO			
TV	AL	24 57 815	Jun 16, 1976	Germany						
	AM	26 33 550	Mar 31, 1977	Germany						
	AN	0 105 230	Apr 11, 1984	EPO						
	AO	080124521	May 17, 1996	Japan						
		OTHER DOGUME		ikudibatikan kantan kaseb	ec) + 1	4.4				
TN	AP (1) Brochure, "Discharge Lamps, Lighting Edge Technologies", USHIO Inc., 47 pages, dated October 2000									
	AQ	- 								
	AR (3) Publication, "What is a Laser Flashlamp?", 12 pages (undated)									
	AS	1 1 7	s Noblelight Tec cation unknown	hnical Reference Book;	The Lam	Book",	, 39 pages,			
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TN	AT	(5) Tungsten Data "Electrode Tip Geometry Selection - 3 pages; Tungsten Electrode Tips Sheets - 2 pages; Tungsten Diameter Selection - 2 pages", http://www.pro-ffusiononline.com/tungsten/diameter.htm, 11/25/2003									
•	AU	(6)									
	AV	(7) Brochure of Heraeus Amba Ltd., "Amba UV Curing Lamps" 4 pages, 2002-2003.									
	AW	 (8) Robert G. Seippel, "Optoelectronics for Technology & Engineering", 5 pages, 1989. (9) "General Electric Flashtube Data Manual", 2 pages, undated. 									
	AX										
	AY	(10) "Plansee; Tungsten Material Properties and Applications" 4 pages, 1999.									
	AZ	(11) W.L. Bade and J.M. Yos, Technical Report, "A Theoretical and Experimental Study of Thermionic Arc Cathodes", 208 pages, July 16, 1962.									
	BA	(12) H. Maecker, "Plasmastroemungen in Lichtboegen in Folge									
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